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ABSTRACT

This report provides information regarding the "course taking" patterns of students in the Hawaii Community College system. The data sheds light on student sampling of other areas outside of their major field, clientele served by academic departments, and course numbering patterns. Included are the student credit hours (SCH) generated by all students taking credit courses, including the various groups of special students. Two-thirds of the SCH were generated in general education. Slightly over three-fourths of the SCH in vocational courses were generated by vocational majors, 16% by liberal arts majors. Liberal arts majors took about 90% of their work in general education, vocational majors about 58% of their work in vocational courses, and unclassified students about 70% in general education. Courses numbered below 100 comprised 48% of the total SCH generated in fall 1971, 38% in fall 1974. Certificate students took 95% of their work in courses numbered below 100 in 1971; by 1974 that figure had dropped to 30%. Other highlights are noted, supplemented by extensive statistics, tables, and graphs. (Author/AH)

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University of Hawaii
Office of the Vice President for Community Colleges
Institutional Research Unit

CC-IRP 74
January, 1975

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THE ACADEMIC CROSSOVER REPORT
COMMUNITY COLLEGES
FALL 1974

Introduction

This report provides information regarding the "course taking" patterns of students. Data included will shed light on students sampling other areas outside of their major field, clientele served by academic departments, course numbering patterns, to name a few. These studies have been used for purposes of cost projecting, staffing plans, enrollment projections, physical facility planning, reviews of academic behavior on the part of students.

Source of Data

Computer reports 2524 B and C based on the student registration computer tape generated as of October 15, 1974, were used as the primary source of data. Included are the SCH generated by all students taking credit courses including the various groups of special students. The course equivalency table developed earlier (CC-IRP 70) was used as a reference point in clustering certain courses to insure common input of data elements in the various subject categories for the different campuses.

Limitations

The content of some courses designed for certain vocational majors is in the "gray" zone, i.e., some may be considered "general education" in content. These courses were placed in the general education category. To that degree, the proportion of SCH in the general education course areas may be "inflated" and "deflated" in the vocational course areas. Such data are footnoted. This meant overall proportionate differences of about 1 to 5 percent by college. (The proportionate deflation-inflation factor for the program, however, is much greater.) Further details are available in the Institutional Research Office. (See Appendices A and B for the "clustering" scheme: which student majors and courses are grouped in the different sub-headings.)

Total SCH data differ slightly from CC-IRP 72, "Faculty Workload," because adjustments were made to Computer Report 3010-3011 (on which CC-IRP 72 was based) to reflect campus practices.

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Highlights

1. The data for aggregate community colleges show that the "course-taking"/"client-served" patterns of the previous years generally prevailed, with some modifications.

   a. Two-thirds of the SCH generated were in general education.

   b. Certificate students took slightly over 70 percent of their work in vocational courses; degree and "other" students, about 70 percent in general education courses.

   c. Sixty-six percent of the student credit hours in general education were taken by liberal arts majors, 25 percent by vocational education majors and 7 percent by unclassified students.

   d. Slightly over three-fourths of the SCH in vocational courses were generated by vocational majors, 16 percent by liberal arts majors.

   e. Liberal arts majors continued to take about 90 percent of their work in general education, vocational majors about 58 percent in vocational courses, unclassified students, about 70 percent in general education.

2. Reflecting course numbering changes at a few colleges, the proportion of SCH generated by course numbers i.e., below/over 100, differed rather markedly from previous years.

   a. Courses numbered below 100 comprised 48 percent of the total SCH generated in fall 1971, 38 percent in fall 1974.

   b. Certificate students took 95 percent of their work in courses below 100 in fall 1971, 80 percent in fall 1974; degree students, 43 percent in fall 1971, 35 percent in fall 1974; "other" students, 49 percent in fall 1971, 30 percent in fall 1974.

3. Some of the more noteworthy variations among the community colleges and within the community colleges were:

   a. The distribution of SCH by course numbers:

      (1) The proportion of SCH taken in courses below 100 varied from 11 percent at Windward Community College to 58 percent at Honolulu Community College.

      (2) Every college except Leeward Community College showed a decline in the proportion of SCH taken in courses numbered below 100. At Kapiolani Community College, the proportion declined from 65 to 42 percent; at Honolulu from 75 to 58 percent over the past four year period.

b. SCH distribution by course area

(1) Some movement toward greater comprehensiveness in program planning is indicated. Colleges heavily vocationally oriented showed a higher proportion of SCH in general education (e.g., Honolulu and Kauai Community Colleges). Conversely, a higher percentage of SCH was generated in vocational courses at Leeward CC.

(2) A slightly greater proportion of the SCH in vocational courses was taken by liberal arts majors at some of the colleges. This was especially noticeable at Maui CC.

Summary

Although the data indicate a general continuation of the prevailing crossover patterns of the past few years, certain variations raise some questions for consideration.

1. What curriculum changes does the lower proportion of SCH in courses below 100 catalog numbers indicate? What guidelines should be established in assigning course numbers?

2. Why is a greater proportion of the SCH in vocational courses taken by liberal arts students? What are the implications for curriculum planning? advising?

3. What impact does the attraction of certain target groups, such as the early admits, older citizens, AFSCME (American Federation of State, County, and Municiple Employees), etc. have on the distribution of SCH by course areas? on curriculum plans? staffing?

4. Why is the proportion of SCH generated in the humanities so much greater than the SCH generated in the natural and social sciences? (At some campuses, the SCH in humanities is as much as the SCH in natural and social sciences combined.) What factors are considered in developing courses in terms of student interests, needs, major fields upon transfer to four-year institutions?

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TABLE I

DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
COMMUNITY COLLEGES
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	T O T A L* 16,254 Students (100%) SCH	V%	Certificate 972 Students (6%) SCH	V%	Degree 12,770 Students (79%) SCH	V%	Other** 2,512 Students (15%) SCH	V%
TOTAL SCH	176,429	100	11,093	100	150,115	100	15,221	100
Cat. No. 000-099	66,472	38	8,880	80	52,992	35	4,600	30
Cat. No. 100-299	109,957	62	2,213	20	97,123	65	10,621	70
GENERAL & PRE-PROF	120,529***	68	3,178	29	106,901	71	10,450	69
Cat. No. 000-099	25,162	14	2,171	20	21,304	14	1,687	11
Cat. No. 100-299	95,367	54	1,007	9	85,597	57	8,763	58
Humanities	58,850	33	1,512	14	51,963	35	5,375	35
Cat. No. 000-099	12,008	7	921	8	10,087	7	1,000	7
Cat. No. 100-299	46,842	27	591	5	41,876	28	4,375	29
Natural Science	30,536	17	1,262	11	27,126	18	2,148	14
Cat. No. 000-099	10,771	6	1,137	10	9,117	6	517	3
Cat. No. 100-299	19,765	11	125	1	18,009	12	1,631	11
Social Science	29,034	16	376	3	25,985	17	2,673	18
Cat. No. 000-099	2,233	1	107	1	1,964	1	162	1
Cat. No. 100-299	26,801	15	269	2	24,021	16	2,511	17
Other, General Ed	2,109	1	28	<1	1,827	1	254	2
Cat. No. 000-099	150	<1	6	<1	136	<1	8	<1
Cat. No. 100-299	1,959	1	22	<1	1,691	1	246	2
VOCATIONAL	55,900****	32	7,915	71	43,214	29	4,771	31
Cat. No. 000-099	41,310	23	6,709	60	31,688	21	2,913	19
Cat. No. 100-299	14,590	8	1,206	11	11,526	8	1,858	12
Business Education	24,993	14	3,227	29	19,747	13	2,019	13
Cat. No. 000-099	19,432	11	2,904	26	14,885	10	1,643	11
Cat. No. 100-299	5,561	3	323	3	4,862	3	376	2
Education	802	<1	12	<1	548	<1	242	2
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	802	<1	12	<1	548	<1	242	2
Health Service	3,511	2	1,248	11	2,008	1	255	2
Cat. No. 000-099	1,483	1	1,242	11	230	<1	11	<1
Cat. No. 100-299	2,028	1	6	<1	1,778	1	244	2
Hotel & Food Service	3,475	2	877	8	2,263	2	335	2
Cat. No. 000-099	614	<1	99	1	315	<1	200	1
Cat. No. 100-299	2,861	2	778	7	1,948	1	135	1
Public Service	4,195	2	98	1	3,296	2	801	5
Cat. No. 000-099	1,085	1	11	<1	1,054	1	20	<1
Cat. No. 100-299	3,110	2	87	1	2,242	1	781	5
Technology	18,032	10	2,285	21	14,656	10	1,091	7
Cat. No. 000-099	17,804	10	2,285	21	14,508	10	1,011	7
Cat. No. 100-299	228	<1	0	0	148	<1	80	1
Other, Technology	892	1	168	2	696	<1	28	<1
Cat. No. 000-099	892	1	168	2	696	<1	28	<1
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes unclassified students, special students and students for whom data on educational objectives were missing.

***Includes 4,588 SCH in courses designated as vocational by the various colleges. (See each college's tables and Appendix D.)

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TABLE II
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
COMMUNITY COLLEGES
FALL 1974

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Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 16,254 Stud		MAJOR: LIBERAL ARTS 7,748 Stud		MAJOR: VOCATIONAL Sub-Total 5,994 Stud		Business Ed 2,646 Stud		Education 123 Stud		Health Svc 355 Stud		Hotel/FSer 298 Stud		Public Svc 679 Stud		Technology 1,893 Stud		UNCLASSIFIED & AUDITORS 1,966 Students		NO DATA 78 Stud		SPECIAL STUDENTS: Early Adm 298 Stud		Conc Reg 69 Stud		Other 101 Stud	
	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH (H%)	176,429	100 (100)	88,675	100 (50)	72,533	100 (41)	29,909	100 (17)	1,402	100 (1)	4,810	100 (3)	3,856	100 (2)	7,287	100 (4)	25,269	100 (14)	12,143	100 (7)	649	100 (<1)	1,660	100 (1)	393	100 (<1)	376	100 (<1)
Cat. No. 000-099	66,472	38	14,853	17	47,019	65	19,859	66	240	17	2,004	42	911	24	2,836	39	21,169	84	3,630	30	424	65	383	23	83	21	180	48
Cat. No. 100-299	109,957	62	73,822	83	25,514	35	10,050	34	1,162	83	2,806	58	2,945	76	4,451	61	4,100	16	8,513	70	325	50	1,277	77	310	79	196	52
GENERAL & PRE-PROF (H%)	120,529**	68 (100)	79,793	90 (66)	30,286	42 (25)	13,150	44 (11)	927	66 (1)	1,597	33 (1)	826	21 (1)	4,086	56 (3)	9,700	38 (8)	8,565	71 (7)	385	59 (<1)	1,365	82 (1)	132	34 (<1)	3	1 (<1)
Humanities (H%)	58,850	33 (100)	39,914	45 (68)	13,561	19 (23)	6,376	21 (11)	331	24 (1)	417	9 (1)	443	11 (1)	1,699	23 (3)	4,295	17 (7)	4,318	36 (7)	211	33 (<1)	799	48 (1)	47	12 (<1)	0	0 (0)
Natural Science (H%)	30,536	17 (100)	19,069	22 (62)	9,319	13 (31)	3,468	12 (11)	118	8 (<1)	851	18 (3)	255	7 (1)	799	11 (3)	3,828	15 (13)	1,736	14 (6)	80	12 (<1)	297	18 (1)	35	9 (<1)	0	0 (0)
Social Science (H%)	29,034	16 (100)	19,771	22 (68)	6,590	9 (23)	3,193	11 (11)	171	12 (1)	284	6 (1)	118	3 (<1)	1,385	19 (5)	1,439	6 (5)	2,270	19 (8)	85	13 (<1)	267	16 (1)	48	12 (<1)	3	1 (<1)
Other, General Ed (H%)	2,109	1 (100)	1,039	1 (49)	816	1 (39)	113	<1 (5)	307	22 (15)	45	1 (2)	10	<1 (<1)	203	3 (10)	138	1 (7)	241	2 (11)	9	1 (<1)	2	<1 (<1)	2	1 (<1)	0	0 (0)
VOCATIONAL (H%)	55,900***	32 (100)	8,882	10 (16)	42,247	58 (76)	16,759	56 (30)	475	34 (1)	3,213	67 (6)	3,030	79 (5)	3,201	44 (6)	15,569	62 (28)	3,578	29 (6)	264	41 (<1)	295	18 (1)	261	66 (<1)	373	99 (1)
Business Education (H%)	24,993	14 (100)	6,425	7 (26)	16,549	23 (66)	15,932	53 (64)	24	2 (<1)	140	3 (1)	72	2 (<1)	87	1 (<1)	294	1 (1)	1,761	15 (7)	94	14 (<1)	109	7 (<1)	55	14 (<1)	0	0 (0)
Education (H%)	802	<1 (100)	194	<1 (24)	366	1 (46)	6	<1 (1)	319	23 (40)	0	0 (0)	3	<1 (<1)	0	0 (0)	38	<1 (5)	98	1 (12)	21	3 (3)	0	0 (0)	123	31 (15)	0	0 (0)
Health Service (H%)	3,511	2 (100)	156	<1 (4)	3,100	4 (88)	27	<1 (1)	0	0 (0)	3,073	64 (88)	0	0 (0)	0	0 (0)	0	0 (0)	40	<1 (1)	0	0 (0)	0	0 (0)	22	6 (1)	193	51 (5)
Hotel & Food Serv (H%)	3,475	2 (100)	107	<1 (3)	3,033	4 (87)	83	<1 (2)	0	0 (0)	0	0 (0)	2,902	75 (84)	0	0 (0)	48	<1 (1)	138	1 (4)	4	1 (<1)	4	<1 (<1)	9	2 (<1)	180	48 (5)
Public Service (H%)	4,195	2 (100)	391	<1 (9)	3,003	4 (72)	24	<1 (1)	0	0 (0)	0	0 (0)	0	0 (0)	2,953	41 (70)	26	<1 (1)	768	6 (18)	18	3 (<1)	6	<1 (<1)	9	2 (<1)	0	0 (0)
Technology (H%)	18,032	10 (100)	1,549	2 (9)	15,392	21 (86)	139	<1 (1)	132	9 (1)	0	0 (0)	37	1 (<1)	152	2 (1)	14,932	59 (83)	748	6 (4)	124	19 (1)	176	11 (1)	43	11 (<1)	0	0 (0)
Other, Tech (H%)	892	1 (100)	60	<1 (7)	804	1 (90)	548	2 (61)	0	0 (0)	0	0 (0)	16	<1 (2)	9	<1 (1)	231	1 (26)	25	<1 (3)	3	<1 (<1)	0	0 (0)	0	0 (0)	0	0 (0)

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.
**Includes 4,588 SCH in courses designated as vocational by the various colleges. (See each college's tables and Appendix B.)
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Figure 1
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Community Colleges
Fall 1971, 1972, 1973 and 1974

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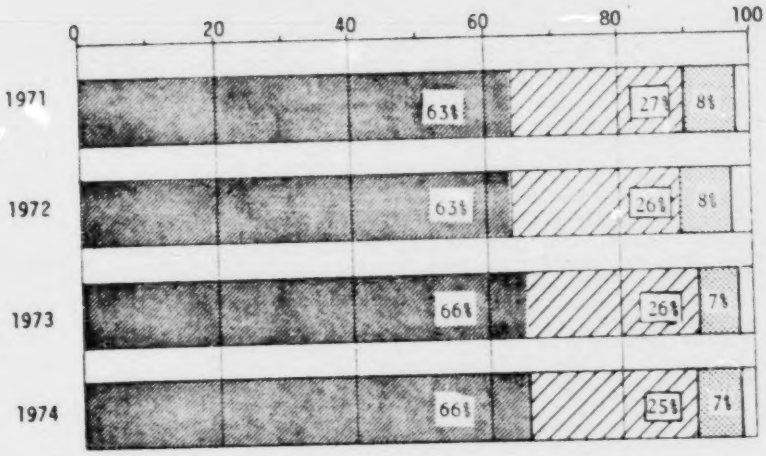
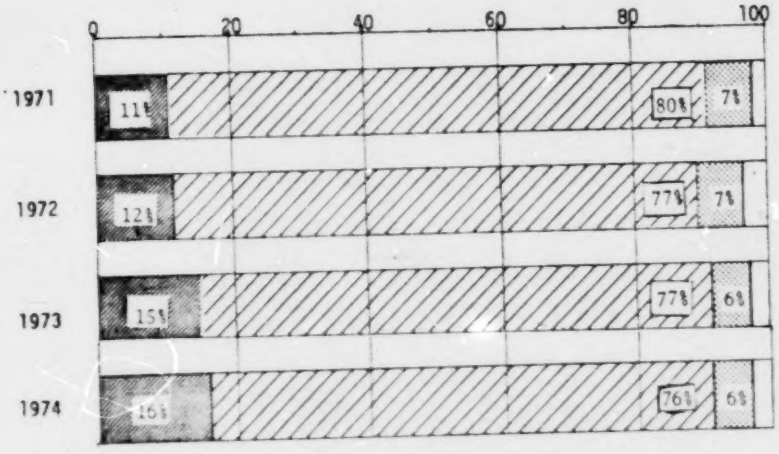
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts Majors
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table II of this report.

FIGURE 2
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Community Colleges
Fall 1971, 1972, 1973 and 1974

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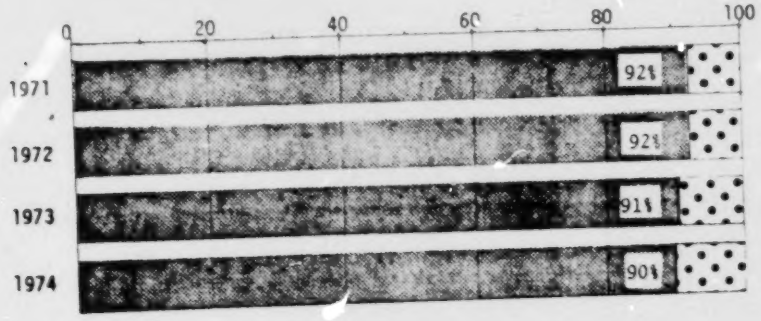
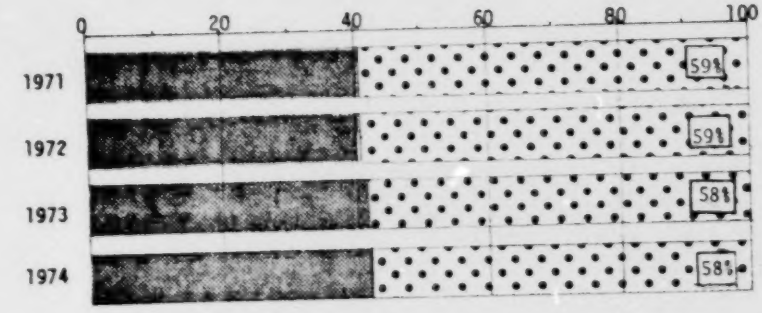
LIBERAL ARTS MAJORS:

What courses did they take?



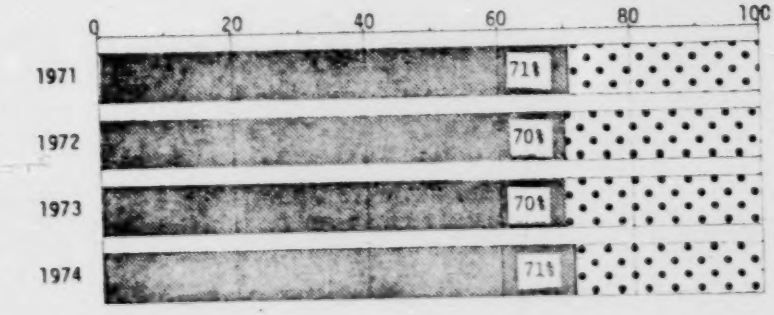
VOCATIONAL EDUCATION MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education Courses
Vocational Courses

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table II of this report.

TABLE III
ACADEMIC CROSSOVER, DISTRIBUTIONS IN PERCENTAGES*
FALL 1971, FALL 1972, FALL 1973, AND FALL 1974

Note: Percentages rounded out.

	COMM COLLS				Honolulu				Kapiolani				Kauai				Leeward				Maui				Windward			
	'71	'72	'73	'74	'71	'72	'73	'74	'71	'72	'73	'74	'71	'72	'73	'74	'71	'72	'73	'74	'71	'72	'73	'74	'71	'72	'73	'74
Course Number																												
Under 100	48	43	41	38	75	64	60	58	65	53	50	42	60	54	50	46	21	21	21	23	52	49	49	45	--	13	13	11
100+	52	57	60	62	25	36	40	42	35	47	50	58	40	46	50	54	79	79	79	77	48	51	51	55	--	87	87	89
Course Area																												
General & Pre-Prof	67	67	68	68	52	53	55	57	56	57	59	58	61	64	64	68	83	82	80	79	68	66	69	66	--	94	94	94
Vocational	33	33	32	32	48	47	45	43	45	43	41	42	39	36	36	32	17	19	20	21	32	34	31	34	--	6	6	6
Majors																												
Liberal Arts - General & Pre-Prof	92	92	91	90	96	97	95	94	90	93	92	92	96	93	92	90	91	89	88	88	94	94	91	86	--	94	95	95
Vocational	8	8	9	10	4	3	5	6	10	7	8	8	4	7	8	10	9	11	12	12	6	6	9	14	--	6	5	5
Voc-Tech - General	41	41	42	42	39	41	40	40	38	37	36	33	40	39	38	44	51	55	55	56	46	43	48	44	--	--	--	--
Vocational	59	59	58	58	61	60	60	60	62	63	64	67	60	61	62	56	49	45	46	44	54	58	52	56	--	--	--	--
Unclassified - General	71	70	70	71	48	65	43	55	59	59	58	69	67	78	80	76	83	79	78	79	60	63	71	64	--	--	89	89
Vocational	29	30	30	29	52	35	57	45	41	41	42	31	33	22	20	24	17	22	23	21	40	37	29	36	--	--	11	11
Courses																												
General Education - Liberal Arts	63	63	66	66	41	41	48	48	47	50	59	60	45	48	50	47	79	78	78	76	61	61	58	60	--	99	95	91
Voc-Tech	27	26	26	25	56	53	49	46	41	37	34	31	36	29	27	27	11	13	15	17	30	29	31	28	--	--	--	--
Unclassified	8	8	7	7	2	3	2	6	11	9	6	8	9	20	18	18	10	8	7	5	6	8	9	9	--	--	4	6
Vocational Education - Voc-Tech	80	77	77	76	94	88	90	88	83	84	85	86	84	80	79	73	52	46	49	51	75	79	76	68	--	--	--	--
Lib Arts	11	12	15	16	2	2	3	4	7	5	7	7	3	7	8	11	38	41	43	42	9	8	13	19	--	100	88	81
Unclassified	7	7	6	6	2	2	3	6	9	8	6	5	7	10	8	12	10	10	8	6	9	9	9	9	--	--	9	14
Educational Goal																												
Certificate - General Education	32	31	30	29	26	23	16	18	35	33	30	28	29	26	35	33	39	48	44	48	29	37	39	29	--	--	--	--
Voc-Tech	68	70	70	71	75	77	84	82	65	67	70	72	71	74	65	67	62	53	56	52	72	63	61	71	--	--	--	--
Degree - General Education	71	71	71	71	55	58	59	60	61	62	65	63	68	69	67	69	84	83	81	80	71	68	71	68	--	94	95	95
Voc-Tech	29	29	29	29	45	42	41	40	39	38	36	37	33	31	33	31	16	17	19	20	29	32	30	32	--	6	5	5

*Calculations based on SCH.

Sources: Tables I and II of this report and CC-IRP 62, "Academic Crossover Report," Fall 1973.

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TABLE Ia
DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
HONOLULU COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 3,305 Students (100%) SCH	V%	Certificate 162 Students (5%) SCH	V%	Degree 2,627 Students (79%) SCH	V%	Other** 516 Students (16%) SCH	V%
TOTAL SCH	38,882	100	2,135	100	34,116	100	2,631	100
Cat. No. 000-099	22,526	58	1,984	93	19,898	58	644	24
Cat. No. 100-299	16,356	42	151	7	14,218	42	1,987	76
GENERAL & PRE-PROF	22,086***	57	387	18	20,361	60	1,338	51
Cat. No. 000-099	9,027	23	314	15	8,380	25	333	13
Cat. No. 100-299	13,059	34	73	3	11,981	35	1,005	38
Humanities	10,653	27	179	8	9,622	28	852	32
Cat. No. 000-099	4,167	11	143	7	3,770	11	254	10
Cat. No. 100-299	6,486	17	36	1	5,852	17	598	23
Natural Science	6,347	16	174	8	6,031	18	142	5
Cat. No. 000-099	3,915	10	159	7	3,692	11	64	2
Cat. No. 100-299	2,432	6	15	2	2,339	7	78	3
Social Science	4,704	12	31	1	4,366	13	307	12
Cat. No. 000-099	945	2	12	1	918	3	15	1
Cat. No. 100-299	3,759	10	19	1	3,448	10	292	11
Other, General Ed	382	1	3	<1	342	1	37	1
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	382	1	3	<1	342	1	37	1
VOCATIONAL	16,796***	43	1,748	82	13,755	40	1,293	49
Cat. No. 000-099	13,499	35	1,670	78	11,518	34	311	12
Cat. No. 100-299	3,297	8	78	4	2,237	7	982	37
Business Education	171	<1	36	2	117	<1	18	1
Cat. No. 000-099	108	<1	36	2	60	<1	12	<1
Cat. No. 100-299	63	<1	0	0	57	<1	6	<1
Education	402	1	0	0	195	1	207	8
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	402	1	0	0	195	1	207	8
Hotel & Food Service	352	1	97	5	245	1	10	<1
Cat. No. 000-099	352	1	97	5	245	1	10	<1
Cat. No. 100-299	0	0	0	0	0	0	0	0
Public Service	3,591	9	81	4	2,806	8	704	27
Cat. No. 000-099	987	3	3	<1	969	3	15	1
Cat. No. 100-299	2,604	7	78	4	1,837	5	689	26
Technology	12,080	31	1,498	70	10,228	30	354	13
Cat. No. 000-099	11,852	30	1,498	70	10,080	30	274	10
Cat. No. 100-299	228	1	0	0	148	<1	80	3
Other, Technology	200	1	36	2	164	<1	0	0
Cat. No. 000-099	200		36	2	164	<1	0	0
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes unclassified students, special students and students for whom data on educational objectives were missing.

***Includes 1,410 SCH in courses designated as vocational by this college: Applied Arts, 930 SCH; Fashion Arts, 50 SCH; Human Resource Development, 59 SCH; Fire Science, 96 SCH; Police Science, 165 SCH; Human Development, 96 SCH; and Health Foundation, 14 SCH.

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TABLE IIa

SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
HONOLULU COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 3,305 Students		MAJOR: LIBERAL ARTS 890 Students		MAJOR: VOCATIONAL Sub-Total 1,899 Students		Education 38 Students		Hotel/FSer 37 Stud		Public Svc 551 Stud		Technology 1,273 Stud		UNCL & AUDITORS 464 Stud		NO DATA 12 Stud		SPECIAL STUDENTS: Early Admits 7 Students		SPECIAL STUDENTS: Concurrent Regs 33 Students	
	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH (H%)	38,882 (100)	100	11,378 (29)	100	24,873 (64)	100	446 (1)	100	476 (1)	100	6,101 (16)	100	17,850 (46)	100	2,284 (6)	100	94 (<1)	100	29 (<1)	100	224 (1)	100
Cat. No. 000-099	22,526	58	2,962	26	18,920	76	150	34	433	91	2,410	40	15,927	89	558	24	40	43	13	45	33	15
Cat. No. 100-299	16,356	42	8,416	74	5,953	24	296	66	43	9	3,691	61	1,923	11	1,726	76	54	57	16	55	191	85
GENERAL & PRE-PROF (H%)	22,086** (100)	57	10,687 (48)	94	10,061 (46)	40	158 (1)	35	146 (1)	31	3,375 (15)	55	6,382 (29)	36	1,245 (6)	55	22 (<1)	23	22 (<1)	76	49 (<1)	22
Humanities (H%)	10,653 (100)	27	5,336 (50)	47	4,465 (42)	18	89 (1)	20	60 (1)	13	1,405 (13)	23	2,911 (27)	16	799 (8)	35	18 (<1)	19	15 (<1)	52	20 (<1)	9
Natural Science (H%)	6,347 (100)	16	2,873 (45)	25	3,332 (52)	13	29 (<1)	7	60 (1)	13	692 (11)	11	2,551 (40)	14	133 (2)	6	1 (<1)	1	4 (<1)	14	4 (<1)	2
Social Science (H%)	4,704 (100)	12	2,339 (50)	21	2,058 (44)	8	39 (1)	9	24 (1)	5	1,117 (24)	18	878 (19)	5	277 (6)	12	3 (<1)	3	3 (<1)	10	24 (1)	11
Other, General Ed (H%)	382 (100)	1	139 (36)	1	206 (54)	1	1 (<1)	<1	2 (1)	<1	161 (42)	3	42 (11)	<1	36 (9)	2	0 (0)	0	0 (0)	0	1 (<1)	<1
VOCATIONAL (H%)	16,796*** (100)	43	691 (4)	6	14,812 (98)	60	288 (2)	65	330 (2)	69	2,726 (16)	45	11,468 (68)	64	1,039 (6)	44	72 (<1)	77	7 (<1)	24	175 (1)	78
Business Education (H%)	171 (100)	<1	54 (32)	<1	99 (58)	<1	3 (2)	1	9 (5)	2	3 (2)	<1	84 (49)	<1	15 (9)	1	3 (2)	3	0 (0)	0	0 (0)	0
Education (H%)	402 (100)	1	3 (1)	<1	192 (48)	1	156 (39)	35	0 (0)	0	0 (0)	0	36 (9)	<1	63 (16)	3	21 (5)	22	0 (0)	0	123 (31)	55
Hotel & Food Serv (H%)	352 (100)	1	13 (4)	<1	329 (93)	1	0 (0)	0	309 (88)	65	0 (0)	0	20 (6)	<1	10 (3)	<1	0 (0)	0	0 (0)	0	0 (0)	0
Public Service (H%)	3,591 (100)	9	223 (6)	2	2,664 (74)	11	0 (0)	0	0 (0)	0	2,641 (74)	43	23 (1)	<1	677 (19)	30	12 (<1)	13	6 (<1)	21	9 (<1)	4
Technology (H%)	12,080 (100)	31	394 (3)	3	11,332 (94)	46	129 (1)	29	12 (<1)	3	82 (1)	1	11,109 (92)	62	274 (2)	12	36 (<1)	38	1 (<1)	3	43 (<1)	19
Other, Technology (H%)	200 (100)	1	4 (2)	<1	196 (98)	1	0 (0)	0	0 (0)	0	0 (0)	0	196 (98)	1	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes 1,410 SCH in courses designated as vocational by this college: Applied Arts, 930 SCH; Fashion Arts, 50 SCH; Human Resource Development, 59 SCH; Fire Science, 96 SCH; Police Science, 165 SCH; Human Development, 96 SCH; and Health Foundation, 14 SCH.

***Excludes 1,410 SCH in courses designated as vocational by this college: Applied Arts, 930 SCH; Fashion Arts, 50 SCH; Human Resource Development, 59 SCH; Fire Science, 96 SCH; Police Science, 165 SCH; Human Development, 96 SCH; and Health Foundation, 14 SCH.

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Figure 1a
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Honolulu Community College
Fall 1971, 1972, 1973 and 1974

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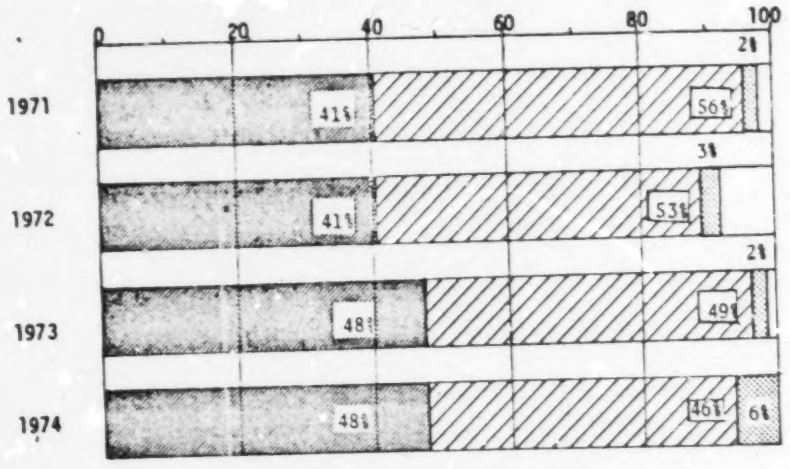
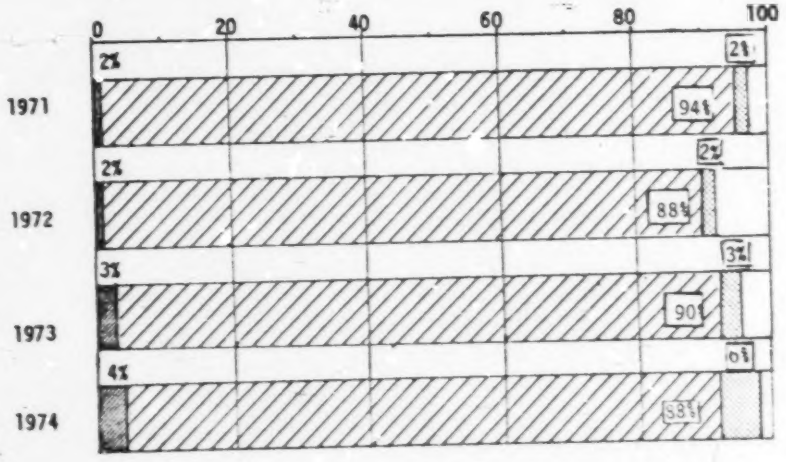
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

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Sources: CC-IRS 62, Academic Crossover Report, Fall 1973; Table IIa of this report.

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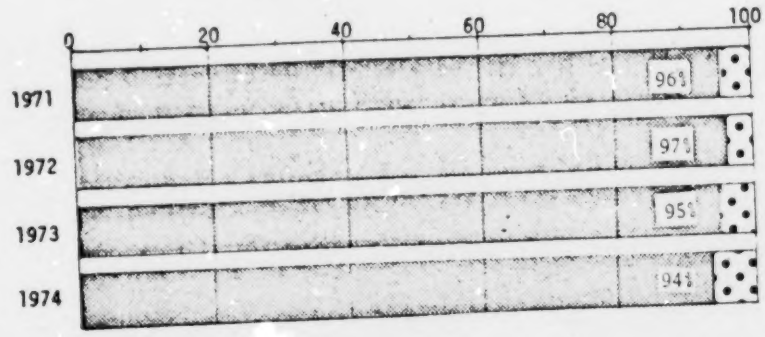
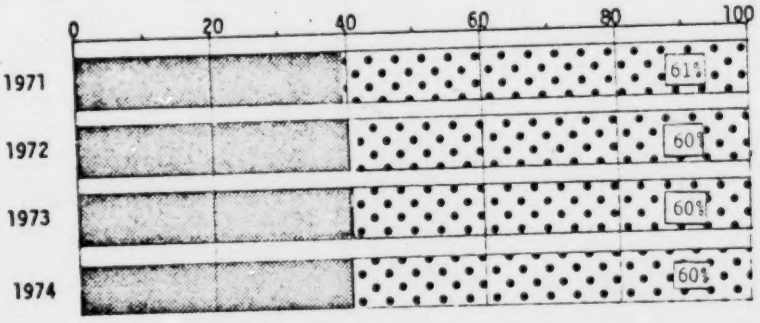
Figure 2a
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Honolulu Community College
Fall 1971, 1972, 1973 and 1974

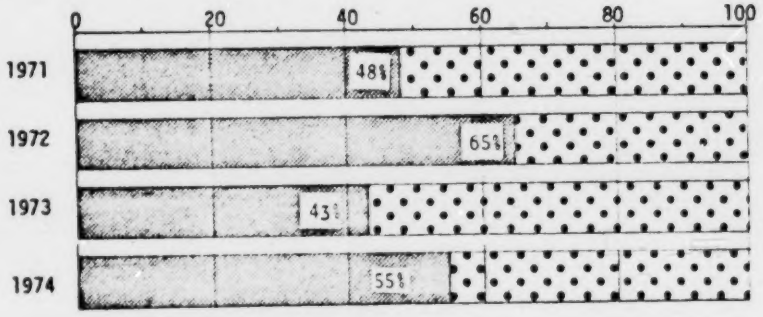
LIBERAL ARTS MAJORS:
What courses did they take?



VOCATIONAL EDUCATION MAJORS:
What courses did they take?



UNCLASSIFIED STUDENTS:
What courses did they take?



General Ed
Vocational

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IIa of this report.

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TABLE Ib
DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
KAPIOLANI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 3,754 Students (100%)		Certificate 561 Students (15%)		Degree 2,626 Students (70%)		Other** 567 Students (15%)	
	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH	42,165	100	6,371	100	32,304	100	3,490	100
Cat. No. 000-099	17,625	42	4,841	76	11,642	36	1,142	33
Cat. No. 100-299	24,540	58	1,530	24	20,662	64	2,348	67
GENERAL & PRE-PROF	24,345***	58	1,797	28	20,416	63	2,132	61
Cat. No. 000-099	5,297	13	1,307	21	3,741	12	249	7
Cat. No. 100-299	19,048	45	490	8	16,675	52	1,883	54
Humanities	11,743	28	840	13	9,950	31	953	27
Cat. No. 000-099	2,277	5	544	9	1,629	5	104	3
Cat. No. 100-299	9,466	22	296	5	8,321	26	849	24
Natural Science	7,075	17	774	12	5,669	18	632	18
Cat. No. 000-099	2,669	6	709	11	1,830	6	130	4
Cat. No. 100-299	4,406	10	65	1	3,839	12	502	14
Social Science	5,143	12	178	3	4,451	14	514	15
Cat. No. 000-099	351	1	54	1	282	1	15	<1
Cat. No. 100-299	4,792	11	124	2	4,169	13	499	14
Other, General Ed	384	1	5	<1	346	1	33	1
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	384	1	5	<1	346	1	33	1
VOCATIONAL	17,820****	42	4,574	72	11,888	37	1,358	39
Cat. No. 000-099	12,328	29	3,534	55	7,901	24	893	26
Cat. No. 100-299	5,492	13	1,040	16	3,987	12	465	13
Business Education	12,080	29	2,476	39	8,808	27	796	23
Cat. No. 000-099	10,261	24	2,192	34	7,367	23	702	20
Cat. No. 100-299	1,819	4	284	4	1,441	4	94	3
Health Service	3,013	7	1,248	20	1,518	5	247	7
Cat. No. 000-099	1,483	4	1,242	19	230	1	11	<1
Cat. No. 100-299	1,530	4	6	<1	1,288	4	236	7
Hotel & Food Service	2,323	6	750	12	1,258	4	315	9
Cat. No. 000-099	180	<1	0	0	0	0	180	5
Cat. No. 100-299	2,143	5	750	12	1,258	4	135	4
Other, Tech	404	1	100	2	304	1	0	0
Cat. No. 000-099	404	1	100	2	304	1	0	0
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes unclassified students, special students and students for whom data on educational objectives were missing.

***Includes 1,466 SCH in courses designated as vocational by this college. Of these 1,389 are in Business, 77 in Health.

****Excludes 1,466 SCH in courses designated as vocational by this college. Of these 1,389 are in Business, 77 in Health.

TABLE IIb
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
KAPIOLANI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Areas	TOTAL* 3,754 Students		MAJORS								UNCL & AUDITORS 410 Stud		SPECIAL STUDENTS					
			LIBERAL ARTS 1,282 Students		VOCATIONAL								Early Admits 31 Students		Conc Reg 26 Students		Other 100 Students	
					SUB-TOTAL 1,905 Students		Business Ed 1,410 Stud		Health Svcs 295 Students		Hotel/FSer 200 Students							
	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH (H%)	42,165 (100)	100	15,803 (37)	100	22,872 (54)	100	16,357 (39)	100	4,029 (10)	100	2,486 (6)	100	2,865 (7)	100	128 (<1)	100	124 (<1)	100	373 (1)	100
Cat. No. 000-099	17,625	42	1,925	12	14,558	64	12,280	75	1,975	49	303	12	881	31	34	27	47	38	180	48
Cat. No. 100-299	24,540	58	13,878	88	8,314	36	4,077	25	2,054	51	2,183	88	1,984	69	94	73	77	62	193	52
GENERAL & PRE-PROF (H%)	24,345** (100)	58	14,580 (60)	92	7,633 (31)	33	5,924 (24)	36	1,228 (5)	30	481 (2)	19	1,985 (8)	69	109 (<1)	85	38 (<1)	31	0 (0)	0
Humanities (H%)	11,743 (100)	28	7,267 (62)	46	3,523 (30)	15	2,921 (25)	18	319 (3)	8	283 (2)	11	875 (7)	31	69 (1)	54	9 (<1)	7	0 (0)	0
Natural Science (H%)	7,075 (100)	17	3,605 (51)	23	2,838 (40)	12	1,981 (28)	12	734 (10)	18	123 (2)	5	590 (8)	21	22 (<1)	17	20 (<1)	16	0 (0)	0
Social Science (H%)	5,143 (100)	12	3,453 (67)	22	1,176 (23)	5	974 (19)	6	135 (3)	3	67 (1)	3	487 (9)	17	18 (<1)	14	9 (<1)	7	0 (0)	0
Other, Gen Ed (H%)	384 (100)	1	255 (66)	2	96 (25)	<1	48 (13)	<1	40 (10)	1	8 (2)	<1	33 (9)	1	0 (0)	0	0 (0)	0	0 (0)	0
VOCATIONAL (H%)	17,820*** (100)	42	1,223 (7)	8	15,239 (86)	67	10,433 (59)	64	2,801 (16)	70	2,005 (11)	81	880 (5)	31	19 (<1)	15	86 (<1)	69	373 (2)	100
Business Ed (H%)	12,080 (100)	29	1,137 (9)	7	10,147 (84)	44	9,985 (83)	61	132 (1)	3	30 (<1)	1	722 (6)	25	19 (<1)	15	55 (<1)	44	0 (0)	0
Health Service (H%)	3,013 (100)	7	70 (2)	<1	2,696 (89)	12	27 (1)	<1	2,669 (89)	66	0 (0)	0	32 (1)	1	0 (0)	0	22 (1)	18	193 (6)	52
Hotel & Food Serv (H%)	2,323 (100)	6	8 (<1)	<1	2,000 (86)	9	25 (1)	<1	0 (0)	0	1,975 (85)	79	126 (5)	4	0 (0)	0	9 (<1)	7	180 (8)	48
Other, Tech (H%)	404 (100)	1	8 (2)	<1	396 (98)	2	396 (98)	2	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0	0 (0)	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

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***Excludes 1,466 SCH in courses designated as vocational by this college. Of these 1,389 are in Business, 77 in Health.

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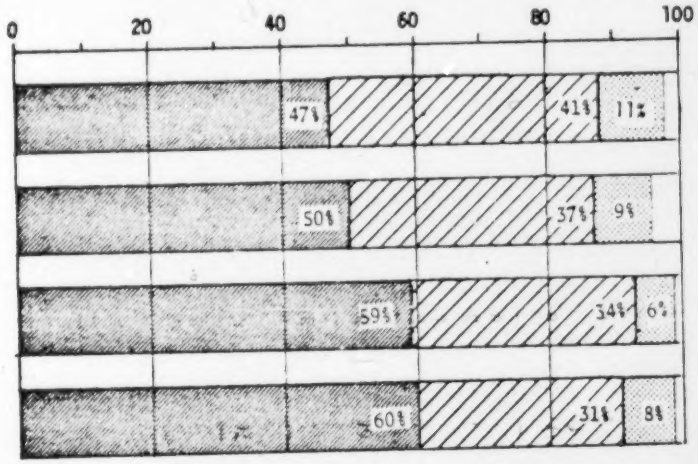
Figure 1b
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Kapiolani Community College
Fall 1971, 1972, 1973 and 1974

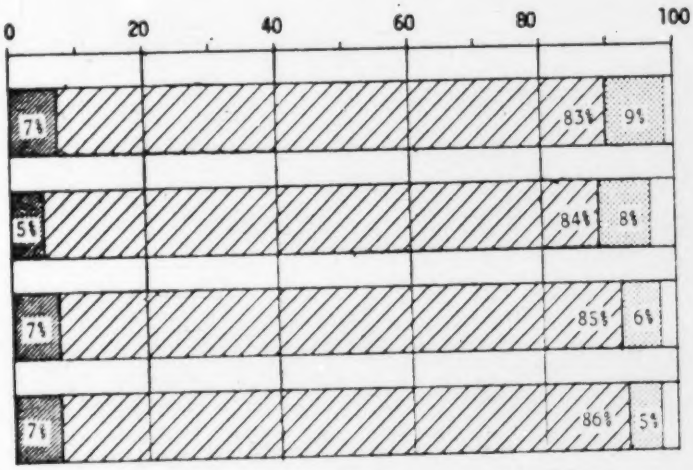
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IIb of this report.

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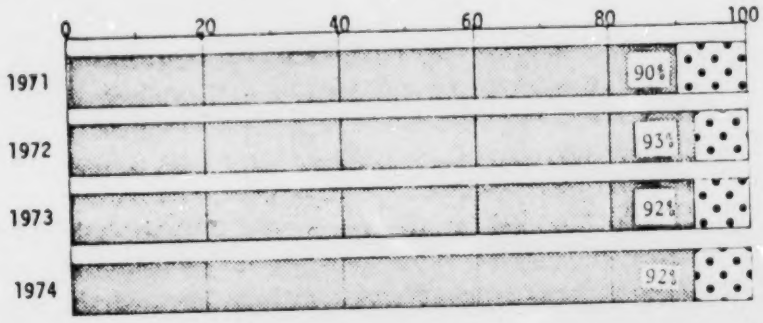
Figure 2b
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Kapiolani Community College
Fall 1971, 1972, 1973, and 1974

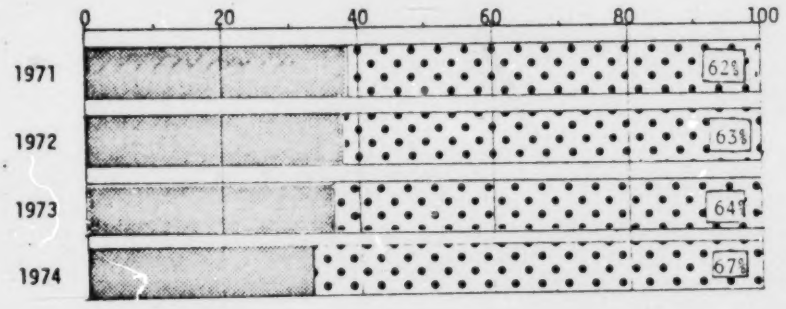
LIBERAL ARTS MAJORS:

What courses did they take?



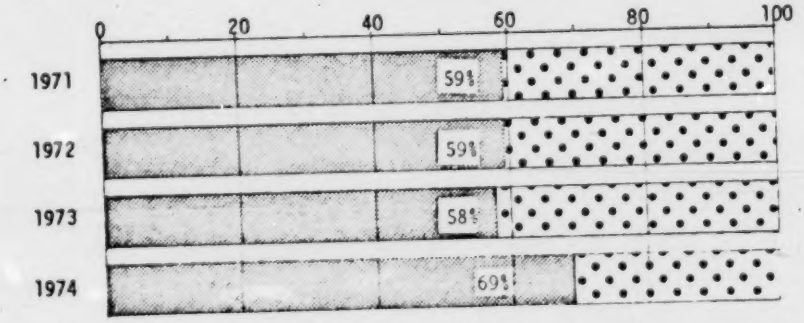
VOCATIONAL EDUCATION MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education
Vocational Courses

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IIb of this report.

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TABLE Ic
DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
KAUAI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 1,032 Students (100%)		Certificates 76 Students (7%)		Degree 575 Students (56%)		Other** 381 Students (37%)	
	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH	10,095	100	861	100	6,966	100	2,268	100
Cat. No. 000-099	4,650	46	807	94	2,942	42	901	40
Cat. No. 100-299	5,445	54	54	6	4,024	58	1,367	60
GENERAL & PRE-PROF	6,848***	68	283	33	4,814	69	1,751	77
Cat. No. 000-099	1,860	18	229	27	1,220	18	411	18
Cat. No. 100-299	4,988	49	54	6	3,594	52	1,340	59
Humanities	3,487	35	141	16	2,352	34	994	44
Cat. No. 000-099	1,071	11	105	12	690	10	276	12
Cat. No. 100-299	2,416	24	36	4	1,662	24	718	32
Natural Science	1,516	15	124	14	1,148	16	244	11
Cat. No. 000-099	474	5	112	13	305	4	57	3
Cat. No. 100-299	1,042	10	12	1	843	12	187	8
Social Science	1,776	18	18	2	1,308	19	450	20
Cat. No. 000-099	315	3	12	1	225	3	78	3
Cat. No. 100-299	1,461	14	6	1	1,083	16	372	16
Other, General Ed	69	1	0	0	6	<1	63	3
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	69	1	0	0	6	<1	63	3
VOCATIONAL	3,247****	32	578	67	2,152	31	517	23
Cat. No. 000-099	2,790	28	578	67	1,722	25	490	22
Cat. No. 100-299	457	5	0	0	430	6	27	1
Business Education	1,363	14	171	20	941	14	251	11
Cat. No. 000-099	1,323	13	171	20	913	13	239	11
Cat. No. 100-299	40	<1	0	0	28	<1	12	1
Health Service	282	3	0	0	282	4	0	0
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	282	3	0	0	282	4	0	0
Public Service	135	1	0	0	120	2	15	1
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	135	1	0	0	120	2	15	1
Technology	1,401	14	404	47	752	11	245	11
Cat. No. 000-099	1,401	14	404	47	752	11	245	11
Cat. No. 100-299	0	0	0	0	0	0	0	0
Other, Tech	66	1	3	<1	57	1	6	<1
Cat. No. 000-099	66	1	3	<1	57	1	6	<1
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes unclassified students, special students, and students for whom data on educational objectives were missing.

***Includes 383 SCH in courses designated as vocational by this college: Business, 233 SCH; Police Science, 150 SCH (See Appendix B).

****Excludes 383 SCH in courses designated as vocational by this college: Business, 233 SCH; Police Science, 150 SCH (See Appendix B).

TABLE IIc
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
KAUAI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 1,032 Stud	MAJORS													
		LIBERAL ARTS 307 Stud	VOCATIONAL Sub-Total 344 Stud	Business Ed 135 Stud	Health Svc 38 Stud	Public Svc 46 Stud	Technology 125 Stud	UNCLASSIFIED 297 Stud	NO DATA 17 Stud	SPECIAL STUDENTS Early Adm 66 Stud	SPECIAL STUDENTS Other 1 Stud
	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%
TOTAL SCH (H%)	10,095 100 (100)	3,607 100 (36)	4,220 100 (42)	1,728 100 (17)	525 100 (5)	421 100 (4)	1,546 100 (15)	1,664 100 (16)	140 100 (1)	461 100 (5)	3 100 (<1)
Cat. No. 000-099	4,650 46	720 20	3,029 72	1,527 88	6 1	111 26	1,385 90	731 44	84 60	86 19	0 0
Cat. No. 100-299	5,445 54	2,887 80	1,191 28	201 12	519 99	310 74	161 10	933 56	56 40	375 81	3 100
GENERAL & PRE-PROF (H%)	6,848** 68 (100)	3,250 90 (47)	1,847 44 (27)	780 45 (11)	249 47 (4)	314 75 (5)	504 33 (7)	1,262 76 (18)	89 64 (1)	397 86 (6)	3 100 (<1)
Humanities (H%)	3,487 35 (100)	1,634 45 (47)	859 20 (25)	447 26 (13)	64 12 (2)	108 26 (3)	240 16 (7)	657 39 (19)	64 46 (2)	273 59 (8)	0 0 (0)
Natural Science (H%)	1,516 15 (100)	767 21 (51)	505 12 (33)	144 8 (9)	101 19 (7)	41 10 (3)	219 14 (14)	164 10 (11)	13 9 (1)	67 15 (4)	0 0 (0)
Social Science (H%)	1,776 18 (100)	846 23 (48)	480 11 (27)	186 11 (10)	84 16 (5)	165 39 (9)	45 3 (3)	378 23 (21)	12 9 (1)	57 12 (3)	3 100 (<1)
Other, Gen Ed (H%)	69 1 (100)	3 <1 (4)	3 <1 (4)	3 <1 (4)	0 0 (0)	0 0 (0)	0 0 (0)	63 4 (91)	0 0 (0)	0 0 (0)	0 0 (0)
VOCATIONAL (H%)	3,247***32 (100)	357 10 (11)	2,373 56 (73)	948 55 (29)	276 53 (9)	107 25 (3)	1,042 67 (32)	402 24 (12)	51 36 (2)	64 14 (2)	0 0 (0)
Business Ed (H%)	1,363 14 (100)	218 6 (16)	894 21 (66)	872 50 (64)	0 0 (0)	18 4 (1)	4 <1 (<1)	194 12 (14)	28 20 (2)	29 6 (2)	0 0 (0)
Health Service (H%)	282 3 (100)	6 <1 (2)	276 7 (98)	0 0 (0)	276 53 (98)	0 0 (0)	0 0 (0)	0 0 (0)	0 0 (0)	0 0 (0)	0 0 (0)
Public Service (H%)	135 1 (100)	36 1 (27)	84 2 (62)	6 <1 (4)	0 0 (0)	78 19 (58)	0 0 (0)	15 1 (11)	0 0 (0)	0 0 (0)	0 0 (0)
Technology (H%)	1,401 14 (100)	90 3 (6)	1,066 25 (76)	33 2 (2)	0 0 (0)	11 3 (1)	1,022 66 (73)	187 11 (13)	23 16 (2)	35 8 (3)	0 0 (0)
Other, Tech (H%)	66 1 (100)	7 <1 (11)	53 1 (80)	37 2 (56)	0 0 (0)	0 0 (0)	16 1 (24)	6 <1 (9)	0 0 (0)	0 0 (0)	0 0 (0)

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes 383 SCH in courses designated as vocational by this college: Business 233 SCH; Police Science 150 SCH (see Appendix B).

***Excludes 383 SCH in courses designated as vocational by this college: Business 233 SCH; Police Science 150 SCH.

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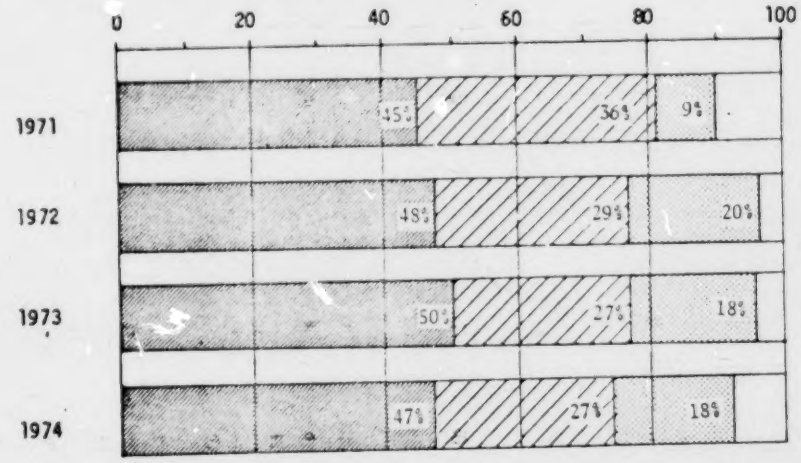
Figure 1c
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Kauai Community College
FALL 1971, 1972, 1973 and 1974

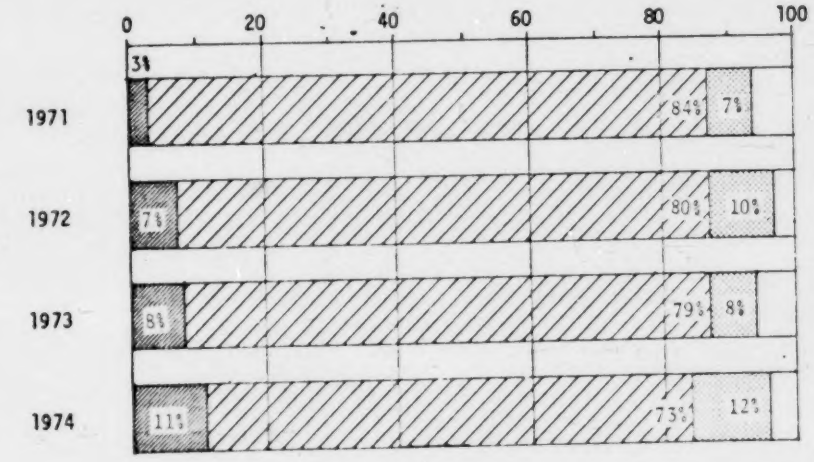
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IIc of this report.

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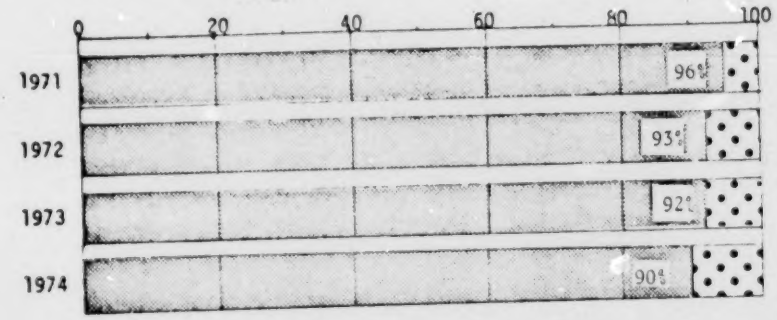
Figure 2c
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Kauai Community College
Fall 1971, 1972, 1973 and 1974

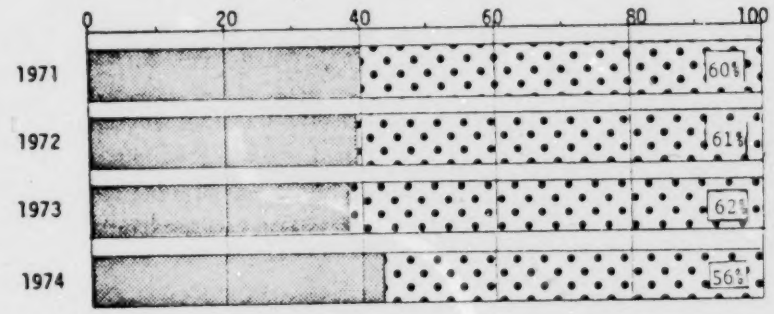
LIBERAL ARTS MAJORS:

What courses did they take?



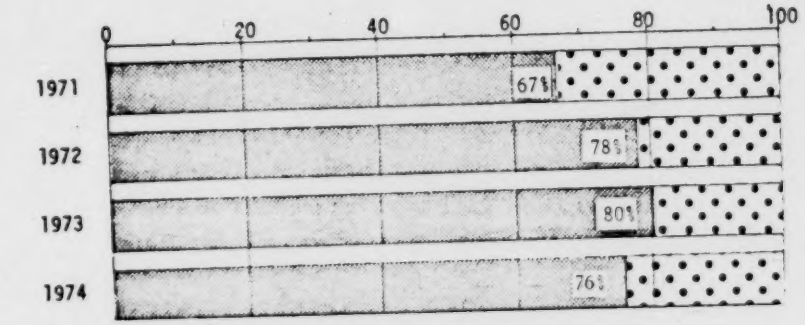
VOCATIONAL EDUCATION MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education Courses
Vocational Courses

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IIc of this report

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TABLE Id
DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
LEEWARD COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 5,814 Students (100%) SCH	V%	Certificate 111 Students (2%) SCH	V%	Degree 5,073 Students (87%) SCH	V%	Other** 630 Students (11%) SCH	V%
TOTAL SCH	59,637	100	1,108	100	54,568	100	3,961	100
Cat. No. 000-099	13,885	23	690	62	12,342	23	853	22
Cat. No. 100-299	45,752	77	418	38	42,226	77	3,108	78
GENERAL & PRE-PROF	47,325***	79	534	48	43,664	80	3,127	79
Cat. No. 000-099	5,978	10	189	17	5,466	10	323	8
Cat. No. 100-299	41,347	69	345	31	38,198	70	2,804	71
Humanities	23,312	39	290	26	21,545	39	1,477	37
Cat. No. 000-099	2,951	5	87	8	2,693	5	171	4
Cat. No. 100-299	20,361	34	203	18	18,852	35	1,306	33
Natural Science	10,804	18	114	10	10,008	18	682	17
Cat. No. 000-099	2,670	4	81	7	2,454	5	135	3
Cat. No. 100-299	8,134	14	33	3	7,554	14	547	14
Social Science	12,255	21	117	11	11,242	21	896	23
Cat. No. 000-099	267	<1	15	1	237	<1	15	<1
Cat. No. 100-299	11,988	20	102	9	11,005	20	881	22
Other, General Ed	954	2	13	1	869	2	72	2
Cat. No. 000-099	90	<1	6	1	82	<1	2	<1
Cat. No. 100-299	864	1	7	1	787	1	70	2
VOCATIONAL	12,312****	21	574	52	10,904	20	834	21
Cat. No. 000-099	7,907	13	501	45	6,876	13	530	13
Cat. No. 100-299	4,405	7	73	7	4,028	7	304	8
Business Education	8,116	1	391	35	7,150	13	575	15
Cat. No. 000-099	4,900	8	358	32	4,204	8	338	9
Cat. No. 100-299	3,216	5	33	3	2,946	5	237	6
Education	400	1	12	1	353	1	35	1
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	400	1	12	1	353	1	35	1
Hotel & Food Service	726	1	28	3	698	1	0	0
Cat. No. 000-099	8	<1	0	0	8	<1	0	0
Cat. No. 100-299	718	1	28	3	690	1	0	0
Public Service	169	<1	8	1	124	<1	37	1
Cat. No. 000-099	98	<1	8	1	85	<1	5	<1
Cat. No. 100-299	71	<1	0	0	39	<1	32	1
Technology	2,804	5	116	10	2,508	5	180	5
Cat. No. 000-099	2,804	5	116	10	2,508	5	180	5
Cat. No. 100-299	0	0	0	0	0	0	0	0
Other, Tech	97	<1	19	2	71	<1	7	<1
Cat. No. 000-099	97	<1	19	2	71	<1	7	<1
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

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***Includes 789 SCH in courses designated as vocational by this college: Business, 699 SCH; Public Service, 48 SCH; Technology, 42 SCH. Excludes 256 SCH in HPE, usually considered a general education course.

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TABLE IId
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
LEEWARD COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Areas	TOTAL* 5,814 Students		MAJORS										UNCL & AUDITORS 488 Stud		NO DATA 4 Stud		SPECIAL STUDENTS			
			LIBERAL ARTS 3,831 Stud		VOCATIONAL												Early Adm 132 Stud		Conc Reg 6 Stud	
					SUB-TOTAL 1,353 Stud		Business Ed 824 Stud		Educ 85 Stud		Hot/FSer 61 Stud		Pub Svc 39 Stud		Technology 344 Stud					
	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH (H%)	59,637 (100)	100	41,313 (69)	100	14,363 (24)	100	8,264 (14)	100	956 (2)	100	894 (2)	100	319 (1)	100	3,930 (7)	100	3,276 (5)	100	23 (<1)	100	640 (1)	100	22 (<1)	100
Cat. No. 000-099	13,885	23	6,938	17	6,094	42	3,455	42	90	9	175	20	151	47	2,223	57	689	21	12	52	149	23	3	14
Cat. No. 100-299	45,752	77	34,375	83	8,269	58	4,809	58	866	91	719	80	168	53	1,707	43	2,587	79	11	48	491	77	19	86
GENERAL & PRE-PROF (H%)	47,325** (100)	79	36,168 (76)	88	8,030 (17)	56	4,857 (10)	59	769 (2)	80	199 (<1)	22	172 (<1)	54	2,033 (4)	52	2,582 (5)	79	23	100	500 (1)	78	22	100
Humanities (H%)	23,312 (100)	39	18,267 (78)	44	3,568 (15)	25	2,251 (10)	27	242 (1)	25	100 (<1)	11	89 (<1)	28	886 (4)	23	1,199 (5)	37	17	74	255 (1)	40	6	27
Natural Science (H%)	10,804 (100)	18	8,212 (76)	20	1,910 (18)	13	1,011 (9)	12	89 (1)	9	72 (1)	8	17 (<1)	5	721 (7)	18	541 (5)	17	6	26	132 (1)	21	3	14
Social Science (H%)	12,255 (100)	21	9,235 (75)	22	2,124 (17)	15	1,558 (13)	19	132 (1)	14	27 (<1)	3	27 (<1)	8	380 (3)	10	773 (6)	24	0	0	111 (1)	17	12	55
Other, Gen Ed (H%)	954 (100)	2	454 (48)	1	428 (45)	3	37 (4)	<1	306 (32)	32	0 (0)	0	39 (4)	12	46 (5)	1	69 (7)	2	0	0	2 (<1)	<1	1	5
VOCATIONAL (H%)	12,312*** (100)	21	5,145 (42)	12	6,333 (51)	44	3,407 (28)	41	187 (2)	20	695 (6)	78	147 (1)	46	1,897 (15)	48	694 (6)	21	0	0	140 (1)	22	0	0
Business Ed (H%)	8,116 (100)	14	3,985 (49)	10	3,556 (44)	25	3,307 (41)	40	21 (<1)	2	33 (<1)	4	60 (1)	19	135 (2)	3	524 (6)	16	0	0	51 (1)	8	0	0
Education (H%)	400 (100)	1	191 (48)	<1	174 (44)	1	6 (2)	<1	163 (41)	17	3 (1)	<1	0 (0)	0	2 (1)	<1	35 (9)	1	0	0	0 (0)	0	0	0
Hotel & Food Svc (H%)	726 (100)	1	70 (10)	<1	656 (90)	5	20 (3)	<1	0 (0)	0	618 (85)	69	0 (0)	0	18 (2)	<1	0 (0)	0	0	0	0 (0)	0	0	0
Public Service (H%)	169 (100)	<1	45 (27)	<1	87 (51)	1	0 (0)	0	0 (0)	0	0 (0)	0	87 (51)	27	0 (0)	0	37 (22)	1	0	0	0 (0)	0	0	0
Technology (H%)	2,804 (100)	5	827 (29)	2	1,797 (64)	13	36 (1)	<1	3 (<1)	<1	25 (1)	3	0 (0)	0	1,733 (62)	44	91 (3)	3	0	0	89 (3)	14	0	0
Other, Tech (H%)	97 (100)	<1	27 (28)	<1	63 (65)	<1	38 (39)	<1	0 (0)	0	16 (16)	2	0 (0)	0	9 (9)	<1	7 (7)	<1	0	0	0 (0)	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

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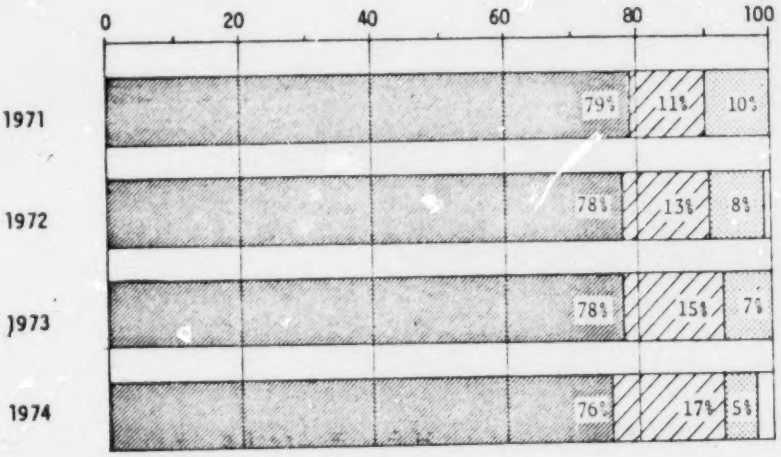
Figure 1d
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Leeward Community College
Fall 1971, 1972, 1973 and 1974

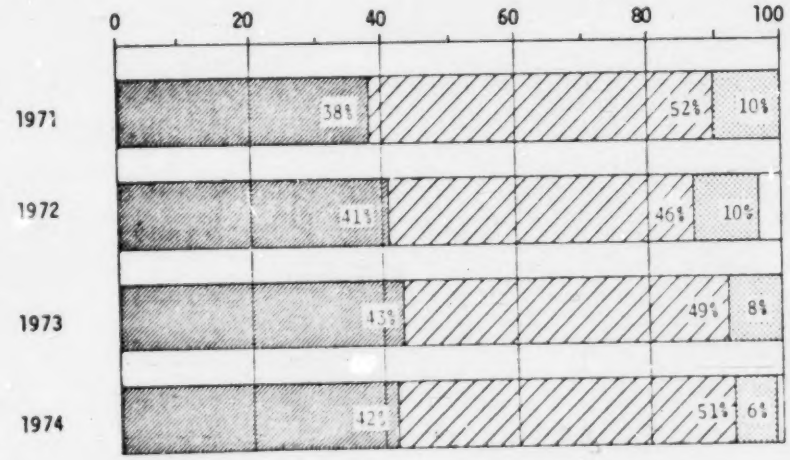
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IId of this report.

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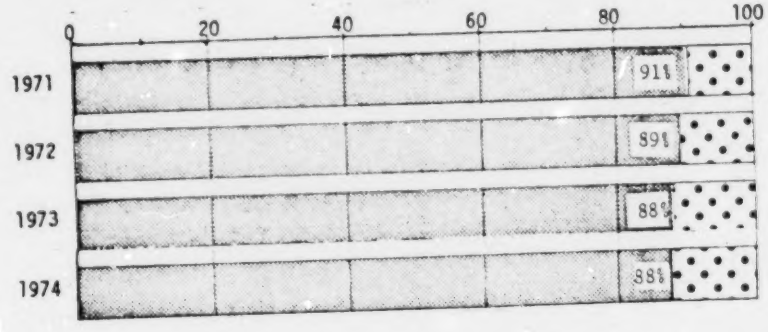
Figure 2d
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Leeward Community College
Fall 1971, 1972, 1973 and 1974

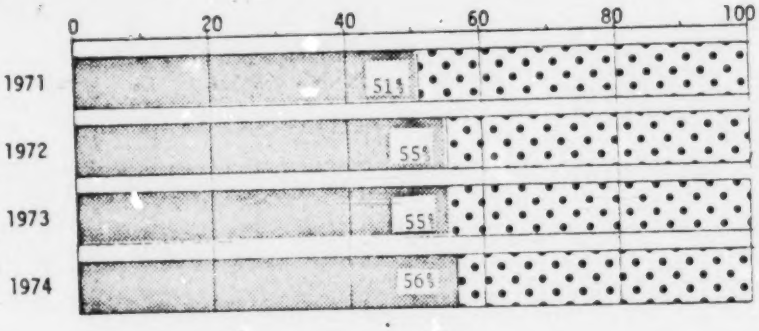
LIBERAL ARTS MAJORS:

What courses did they take?



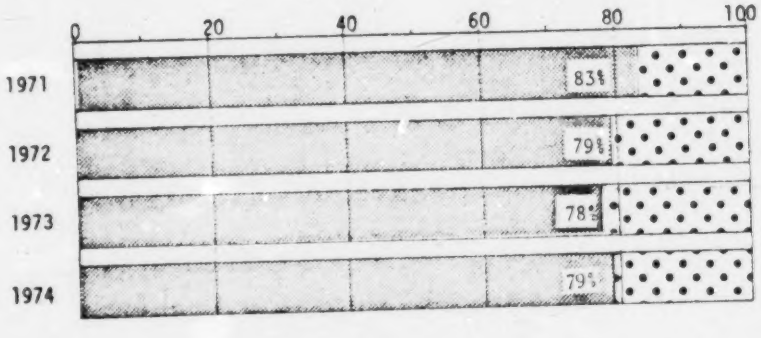
VOCATIONAL EDUCATION MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education Courses
Vocational Courses

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973; Table IId of this report.

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TABLE Ie

DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
MAUI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 1,309 Students (100%) SCH	V%	Certificate 62 Students (5%) SCH	V%	Degree 968 Students (74%) SCH	V%	Other** 279 Students (21%) SCH	V%
TOTAL SCH	14,817	100	618	100	12,403	100	1,796	100
Cat. No. 000-099	6,631	45	558	90	5,202	42	871	49
Cat. No. 100-299	8,186	55	60	10	7,201	58	925	52
GENERAL & PRE-PROF	9,710***	66	177	29	8,386	68	1,147	64
Cat. No. 000-099	2,379	16	132	21	1,957	16	290	16
Cat. No. 100-299	7,331	49	45	7	6,429	52	857	48
Humanities	4,377	30	62	10	3,738	30	577	32
Cat. No. 000-099	1,065	7	42	7	891	7	132	7
Cat. No. 100-299	3,312	22	20	3	2,847	23	445	25
Natural Science	2,414	16	76	12	2,093	17	245	14
Cat. No. 000-099	902	6	76	12	713	6	113	6
Cat. No. 100-299	1,512	10	0	0	1,380	11	132	7
Social Science	2,648	18	32	5	2,332	19	284	16
Cat. No. 000-099	352	2	14	2	299	2	39	2
Cat. No. 100-299	2,296	16	18	3	2,033	16	245	14
Other, General Ed	271	2	7	1	223	2	41	2
Cat. No. 000-099	60	<1	0	0	54	<1	6	<1
Cat. No. 100-299	211	1	7	1	169	1	35	2
VOCATIONAL	5,107***	34	441	71	4,017	32	649	36
Cat. No. 000-099	4,252	29	426	69	3,245	26	581	32
Cat. No. 100-299	855	6	15	2	772	6	68	4
Business Education	2,645	18	155	25	2,233	18	259	14
Cat. No. 000-099	2,306	16	147	24	1,915	15	244	14
Cat. No. 100-299	339	2	6	1	318	3	15	1
Health Service	216	1	0	0	208	2	8	<1
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	216	1	0	0	208	2	8	<1
Hotel & Food Service	74	1	2	<1	62	1	10	1
Cat. No. 000-099	74	1	2	<1	62	1	10	1
Cat. No. 100-299	0	0	0	0	0	0	0	0
Public Service	300	2	9	1	246	2	45	3
Cat. No. 000-099	0	0	0	0	0	0	0	0
Cat. No. 100-299	300	2	9	1	246	2	45	3
Technology	1,747	12	267	43	1,168	9	312	17
Cat. No. 000-099	1,747	12	267	43	1,168	9	312	17
Cat. No. 100-299	0	0	0	0		0	0	0
Other, Tech	125	1	10	2	100	1	15	1
Cat. No. 000-099	125	1	10	2	100	1	15	1
Cat. No. 100-299	0	0	0	0	0	0	0	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72) This report include, special students. report represent updated, edited figures.

**Include, unclassified students, special students and students for whom data on educational objectives were missing.

***Includes 540 SCH in courses designated as vocational by this college, all of which are in Business.

****Excludes 540 SCH in courses designated as vocational by this college, all of which are in Business.

TABLE IIe
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
MAUI COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	TOTAL* 1,309 Students	MAJORS: LIBERAL ARTS 537 Students	VOCATIONAL: SUB-TOTAL 493 Students	Business Ed 277 Students	Health Svcs 22 Students	Public Svcs 43 Students	Technology 151 Students	UNCL & AUDITORS 214 Stud	NO DATA 34 Students	SPECIAL STUDENTS Early Adm 31 Students
	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%	SCH V%
TOTAL SCH (H%)	14,817 100 (100)	6,816 100 (46)	6,205 100 (42)	3,560 100 (24)	256 100 (2)	446 100 (3)	1,943 100 (13)	1,321 100 (9)	272 100 (2)	203 100 (1)
Cat. No. 000-99	6,631 45	1,342 20	4,418 71	2,597 73	23 9	164 37	1,634 84	627 47	155 57	89 44
Cat. No. 100-99	8,186 55	5,474 80	1,787 29	963 27	233 91	282 63	309 16	694 53	117 43	114 56
GENERAL & PRE-PROF (H%)	9,710** 66 (100)	5,848 86 (60)	2,715 44 (28)	1,589 45 (16)	120 47 (1)	225 50 (2)	781 40 (8)	842 64 (9)	161 59 (2)	144 71 (1)
Humanities (H%)	4,377 30 (100)	2,654 39 (61)	1,146 18 (26)	757 21 (17)	34 13 (1)	97 22 (2)	258 13 (6)	439 33 (10)	66 24 (2)	72 35 (2)
Natural Science (H%)	2,414 16 (100)	1,435 21 (59)	734 12 (30)	332 9 (14)	16 6 (1)	49 11 (2)	337 17 (14)	169 13 (7)	37 14 (2)	39 19 (2)
Social Science (H%)	2,648 18 (100)	1,612 24 (61)	752 12 (28)	475 13 (18)	65 25 (2)	76 17 (3)	136 7 (5)	202 15 (8)	49 18 (2)	33 16 (1)
Other, Gen Ed (H%)	271 2 (100)	147 2 (54)	83 1 (31)	25 1 (9)	5 2 (2)	3 1 (1)	50 3 (18)	32 2 (12)	9 3 (3)	0 0 (0)
VOCATIONAL (H%)	5,107*** 34 (100)	968 14 (19)	3,490 56 (68)	1,971 55 (39)	136 53 (3)	221 50 (4)	1,162 60 (23)	479 36 (9)	111 41 (2)	59 29 (1)
Business Ed (H%)	2,645 18 (100)	533 8 (20)	1,853 30 (70)	1,768 50 (67)	8 3 (<1)	6 1 (<1)	71 4 (3)	222 17 (8)	33 12 (1)	4 2 (<1)
Health Service (H%)	216 1 (100)	80 1 (37)	128 2 (59)	0 0 (0)	128 50 (59)	0 0 (0)	0 0 (0)	8 1 (4)	0 0 (0)	0 0 (0)
Hotel & Food Service (H%)	74 1 (100)	16 <1 (22)	48 1 (65)	38 1 (51)	0 0 (0)	0 0 (0)	10 1 (14)	2 <1 (3)	4 1 (5)	4 2 (5)
Public Service (H%)	300 2 (100)	87 1 (29)	168 3 (56)	18 1 (6)	0 0 (0)	147 33 (49)	3 <1 (1)	39 3 (13)	6 2 (2)	0 0 (0)
Technology (H%)	1,747 12 (100)	238 3 (14)	1,197 19 (69)	70 2 (4)	0 0 (0)	59 13 (3)	1,068 55 (61)	196 15 (11)	65 24 (4)	51 25 (3)
Other, Tech (H%)	125 1 (100)	14 <1 (11)	96 2 (77)	77 2 (62)	0 0 (0)	9 2 (7)	10 1 (8)	12 1 (10)	3 1 (2)	0 0 (0)

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes 540 SCH in courses designated as vocational by this college, all of which are in Business.

***Excludes 540 SCH in courses designated as vocational by this college, all of which are in Business.

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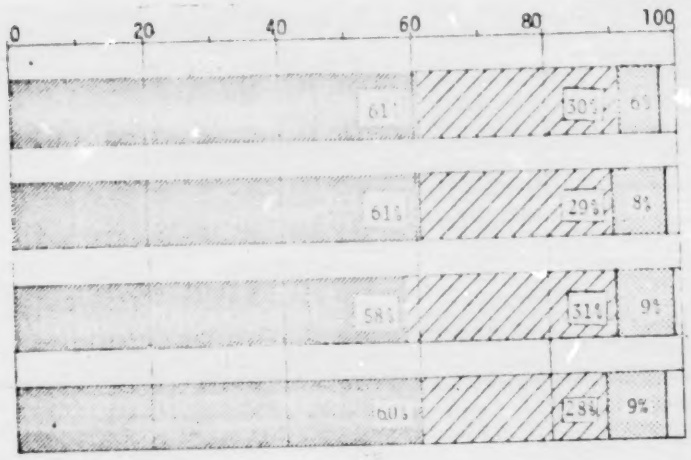
Figure 1e
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Maui Community College
Fall 1971, 1972, 1973 and 1974

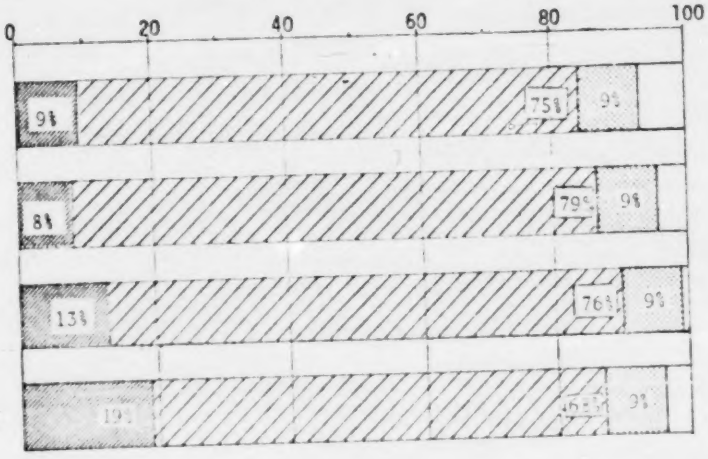
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



Liberal Arts
Vocational
Unclassified
Others: Includes special students and students for whom data on educational objectives were missing.

Source: CC-SW EE, Academic Crossover Report, Fall 1974; Table 1A of this report.

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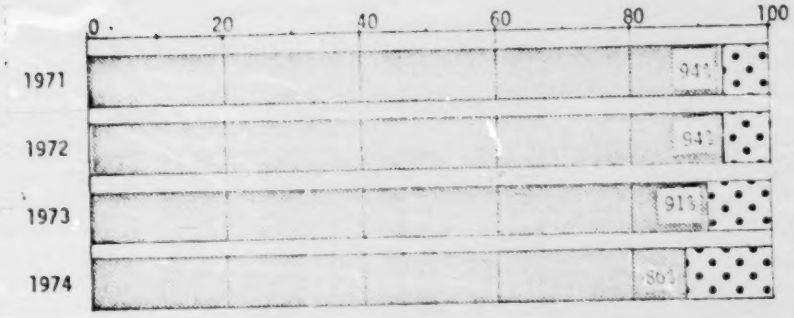
Figure 2e
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Maui Community College
Fall 1971, 1972, 1973 and 1974

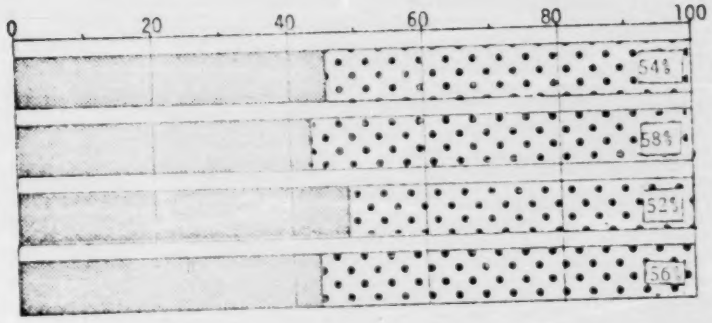
LIBERAL ARTS MAJORS:

What courses did they take?



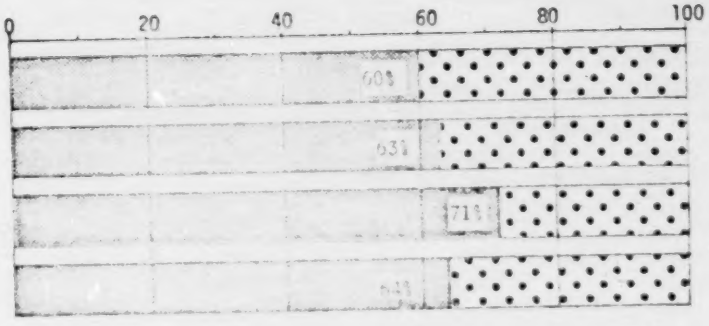
VOCATIONAL EDUCATION MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education Courses
Vocational Courses

Sources: CC-IRP 62, Academic Crossover Report, Fall 1973, Table IIe of this report.

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TABLE If
DISTRIBUTION OF SCH BY SUBJECT AREA AND BY EDUCATIONAL OBJECTIVE
WINDWARD COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts

Subject Area	T O T A L* 1,046 Students (100%) SCH	V%	Degree 905 Students (87%) SCH	V%	Other** 141 Students (13%) SCH	V%
TOTAL SCH	10,833	100	9,758	100	1,075	100
Cat. No. 000-099	1,155	11	966	10	189	18
Cat. No. 100-299	9,678	89	8,792	90	886	82
GENERAL & PRE-PROF	10,215	94	9,260	95	955	89
Cat. No. 000-099	621	6	540	6	81	8
Cat. No. 100-299	9,594	89	8,720	89	874	81
Humanities	5,278	49	4,756	49	522	49
Cat. No. 000-099	477	4	414	4	63	6
Cat. No. 100-299	4,801	44	4,342	45	459	43
Natural Science	2,380	22	2,177	22	203	19
Cat. No. 000-099	141	1	123	1	18	2
Cat. No. 100-299	2,239	21	2,054	21	185	17
Social Science	2,508	23	2,286	23	222	21
Cat. No. 000-099	3	<1	3	<1	0	0
Cat. No. 100-299	2,505	23	2,283	23	222	21
Other, General Ed	49	<1	41	<1	8	1
Cat. No. 000-099	0	0	0	0	0	0
Cat. No. 100-299	49	<1	41	<1	8	1
VOCATIONAL: Bus Ed	618	6	498	5	120	11
Cat. No. 000-099	534	5	426	4	108	10
Cat. No. 100-299	84	1	72	1	12	1

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

**Includes unclassified students, special students and students for whom data on educational objectives were missing.

TABLE IIf
SCH TAKEN BY MAJORS IN VARIOUS SUBJECT AREAS AND THE DISTRIBUTION OF SCH IN PROGRAM AREAS BY MAJORS
WINDWARD COMMUNITY COLLEGE
FALL 1974

Note: Percentages have been rounded; will not always total 100.0 or the sum of the parts.

Subject Area	T O T A L* 1,046 Students		Liberal Arts 905 Students		Unclassified & Auditors 94 Students		No Data 11 Students		SPECIAL STUDENTS Early Admits 31 Students		SPECIAL STUDENTS Concurrent Reg 5 Students	
	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%	SCH	V%
TOTAL SCH (H%)	10,833 (100)	100	9,758 (90)	100	733 (7)	100	120 (1)	100	199 (2)	100	23 (<1)	100
Cat. No. 000-099	1,155	11	966	10	144	20	33	28	12	6	0	0
Cat. No. 100-299	9,678	89	8,792	90	589	80	87	73	187	94	23	100
GENERAL & PRE-PROF (H%)	10,215 (100)	94	9,260 (91)	95	649 (6)	89	90 (1)	75	193 (2)	97	23 (<1)	100
Humanities (H%)	5,278 (100)	49	4,756 (90)	49	349 (7)	48	46 (1)	38	115 (2)	58	12 (<1)	52
Natural Science (H%)	2,380 (100)	22	2,177 (91)	22	139 (6)	19	23 (1)	19	33 (1)	17	8 (<1)	35
Social Science (H%)	2,508 (100)	23	2,286 (91)	23	153 (6)	21	21 (1)	18	45 (2)	23	3 (<1)	13
Other, General Ed (H%)	49 (100)	<1	41 (84)	<1	8 (16)	1	0 (0)	0	0 (0)	0	0 (0)	0
VOCATIONAL: Bus Ed (H%)	618 (100)	6	498 (81)	5	84 (14)	11	30 (5)	25	6 (1)	3	0 (0)	0

*Total headcount of students and total SCH differ from earlier reports (CC-IRP 71 and 72). This report includes special students. Total SCH differs from the figure shown in CC-IRP 72 since data for that report represent updated, edited figures.

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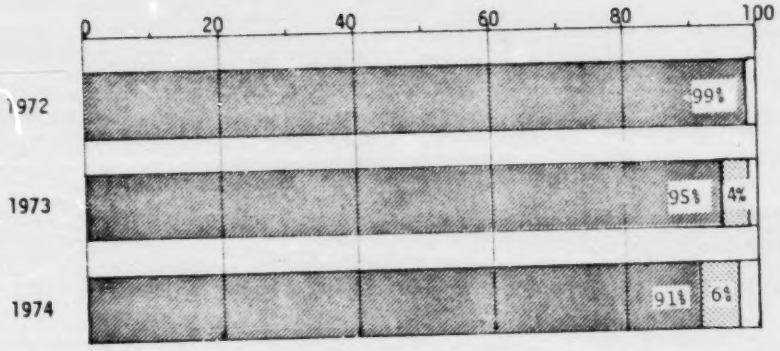
Figure 1f
DISTRIBUTION OF SCH BY COURSE AREA AND MAJORS
Windward Community College
Fall 1972, 1973, and 1974

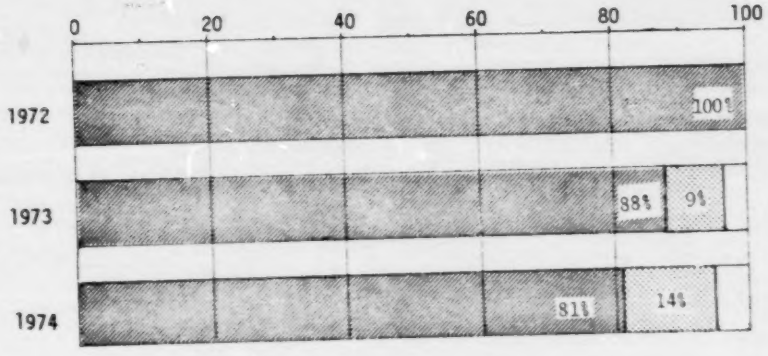
GENERAL EDUCATION COURSES:

What were the proportions taken by different majors?



VOCATIONAL EDUCATION COURSES:

What were the proportions taken by different majors?



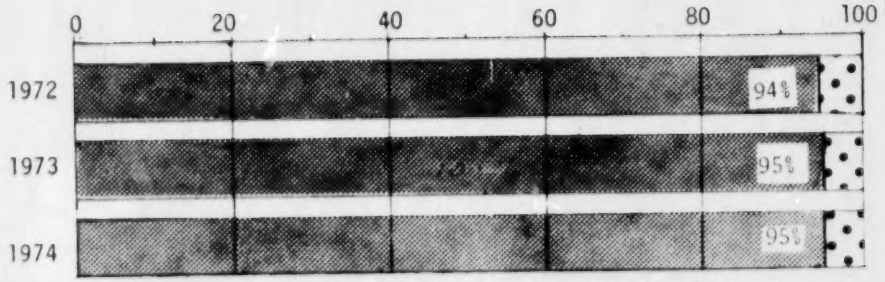
Liberal Arts
Unclassified
Other: Includes special students and students for whom data on educational objectives were missing.

Sources: CC-IRP 62. Academic Crossover Report, Fall 1973; Table IIf of this report.

Figure 2f
DISTRIBUTION OF SCH BY STUDENT MAJORS AND THEIR WORKLOAD
Windward Community College
Fall 1972, 1973 and 1974

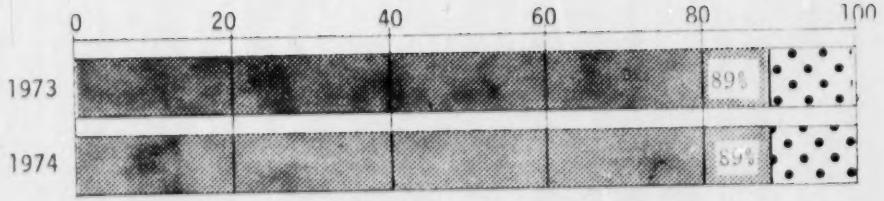
LIBERAL ARTS MAJORS:

What courses did they take?



UNCLASSIFIED STUDENTS:

What courses did they take?



General Education Courses

Vocational Courses

Sources: CC-IRP 52, Academic Crossover Report, Fall 1973; Table IIf of this report.

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APPENDIX A
Fall 1974 Crossover Major Groupings

Major Group	Program Code	Majors Included
TOTAL		
General & Pre-Professional (Liberal Arts)	799	General & Pre-Prof
Business Education		
Accounting	789	Accounting
Business, General	762	Business Operations
	765	General Business
	766	General Office Training
Clerical	761	Clerical, Bookkeeping
	764	Clerical, General
	768	Clerical, Stenography
	763	Clerical, Typist
	771	Clerical, Front Office
Computer Science	778	Computer Science
	779	Data Processing
	777	Data Processing Operations
	776	Keypunch
Sales & Management	758	Merchandising Mid-Management
	759	Hotel Operations Mid-Management
	756	Management
	757	Sales
Secretarial Science	769	Secretarial Science
Education	141	Recreational Instructor Program
	798	Industrial Education
Health Services		
Dental Assisting	729	Dental Assisting
Medical Assisting	726	Medical Assisting
Medical Lab Technician	725	Medical Lab Technician
Medical Records Technician	735	Medical Records Technician
Nursing	728	Practical Nursing
	723	Technical Nursing
	724	Nursing
	727	Nurses Aide Training

Major Group	Program Code	Majors Included
Occupational Therapy	732	Occupational Therapy
Radiologic Technician	730	Radiologic Technician
Respiratory Therapy	731	Respiratory Therapy
Hotel & Food Services		
Commercial Baking	718	Commercial Baking
Food Service	711	Short Order Cook
	713	Food Service, Culinary Arts
	712	Food Service, Dining Room
	714	Food Service Management
	715	Restaurant/Food Service
	721	Food Service
Public Service		
Fire Science	738	Fire Science
Human Services	741	Paraprofessional Program
	121	Educational Assistant
	122	Educational Assistant - Pre School
	123	Health Aide
	124	Social Services Aide
Library Technology	735	Library Technology
Police Science	739	Police Science
Technology		
Aeronautics Technology	699	Aviation Maintenance Tech
Apparel Design & Construction	689	Fashion Arts
	688	Apparel Design & Construction
Auto Body Repair & Painting	679	Auto Body Repair & Painting
Automotive Mechanics	678	Auto Mechanics Technology
Carpentry	669	Carpentry
Commercial Art	685	Applied Arts
Cosmetology	659	Cosmetology
Diesel Mechanics Technology	620	Diesel Mechanics
	622	Heavy Equipment Maintenance & Repair
Drafting Technology	639	Architectural Drafting Technology

Major Group	Program Code	Majors Included
	640	Drafting Technology
	641	Drafting & Engineering Aide
Electricity	663	Electricity
	668	Industrial Electricity
Electronics	635	Electronics
Engineering Technology	650	Engineering Technology
Maintenance Technology	692	Building Maintenance
	693	Industrial (Maint) Tech
Marine Technology	393	Marine Technology
Metalworking Trades Technology	629	Machine Shop Tech
	626	Welding & Sheet Metal
	630	Sheet Metal & Plastics
	627	Welding Technology
	628	Sheet Metal Technology
Refrigeration & Air Conditioning	619	Refrigeration & Air Conditioning
Unclassified & Auditor		
Unclassified Day Student	603	Unclassified
Unclassified Evening Student	606	Evening
Auditor	601	Auditor
Special Students		
Early Admissions	605	Early Admissions
Concurrent Registrants	608	Concurrent
Other Special Students	609	Other Special Students
No Data Majors		

APPENDIX B
COURSE CLUSTERS, BY COURSE EQUIVALENCY
COMMUNITY COLLEGES
FALL 1974

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
GENERAL & PRE-PROF						
Humanities						
Humanities, General	HUM		HUM	IDH	IS 131, HUM	
Art	ART; APART; FA 44	ART	ART	ART; CA 131, 132, 235	ART	ART
Asian/Pac Languages	JPNSE; JALIT; HAW	JPNSE; HOPER 101	JPNSE; HAW; ILO	JPNSE; CHNSE; HAW; TAG; ILO	JPNSE; HAW	JPNSE; HAW
Drama	DRAMA	DRAMA	DRAMA	DRAMA; CA 141, 142, 245, 246	DRAMA	DRAMA
English	ENG except 14; LING	ENG; GBUS 35	ENG except 20-23; BUS 11; LING	ENG; LIT; LING; READ; GRAM	ENG; SECSC 20	ENG; READ; LING; IS 21,
ELIP	ENG 14	ELI	ENG 20-23	ELI	ESL	
European Languages		FR; SPAN		FR; GER; SPAN; LA; RUS	FR; SPAN; PORT	FR
History	HIST	HIST	HIST	HIST	HIST	HIST
Journalism	JOURN	JOURN	JOURN	JOURN	JOURN	JOURN
Music	MUS	MUS	MUS	MUS	MUS	MUS
Philosophy	PHIL	PHIL	PHIL	PHIL	PHIL	PHIL
Religion	REL	REL	REL	REL	REL	REL
Speech	SP	SP	SP	SPCOM; CA 143	SP	SP; COMM

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Natural Science						
Biology	SCI 121, 21; BOT; HF 110; ZOOL; MICRO; HRD 185	BIOL; SCI 121, 121L, 124; MICRO; HF 110; ZOOL; ANAT	BIOL; ZOOL	BIOL; BOT; ZOOL; MICRO; SCI 108, 109, 121, 124	BIOL; SCI 124	BIOL; BOT; SCI 121, 124
Chemistry	CHEM	CHEM	CHEM	CHEM; SCI 107	CHEM; SCI 122B	
General Science		SCI 30	SCI	SCI	SCI	SCI 123
Math	MATH	MATH; GBUS 25; HF 107	MATH; BUS 013B-D	MATH; BUS 23; BAS	MATH; BUS 23	MATH
Oceanography	OCEAN	OCEAN	OCEAN	OCEAN	OCEAN	OCEAN IS 160
Physical Science	PHYSC; PHYS; SCI 122; GEOSC	GEOSC; SCI 122, 122L; PHYS	TECSC; PHYS	SCI 116, 122; PHYS; GEOSC	PHYS; GEOSC; SCI 122 C-F	GEOSC
Social Science						
Social Science	SOCSC; AMST; HD 196	AMST; GUID; HP; SS	AMST; ORIEN; SOCSC	AMST; ISS; IS	SOCSC; ORIEN	IS
Anthropology	ANTH	ANTH	ANTH	ANTH	ANTH	ANTH
Economics	ECON except 104; HRD 153	ECON; GBUS 20, 45	ECON	ECON	ECON	ECON
Geography	GEOG	GEOG	GEOG	GEOG	GEOG	GEOG
Political Science	POLSC; PS 242, 243; FS 41, 47	POLSC; SS 294, 295; GBUS 22, 39, 40; MEDAS 31	POLSC; BUS 40; PS 242; FS 041, 047	POLSC; LAW: BUS 40	POLSC; BUS 200, PS 242	POLSC
Psychology	PSY	PSY	PSY	PSY	PSY	PSY

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Sociology	SOC; ES; PPHS 24, 23	SOC; ES	SOC; SOCSC 24, 225	SOC; ISS 202, 204, 221	SOC; IS 155, 156	SOC; IS 155, 104, 105A-C ES
Other, General Education						
CASE	CASE	CASE			CASE	
Communications	ED 114			LT 5	ED 26	
Health & Phys Ed	HPE; HF 103	HPE; HF 102, 103	HPE	HPE; MT 11; RMD 175	REC; OCEAN 52;	HPE
Directed Studies					DIRST	
VOCATIONAL EDUCATION						
Business Education						
Accounting	ECON 104	ACC	ACC	ACC; BUS 060	ACC	ACC
Computer Science	COMSC	DPRO; COMSC	BUS 19	COMSC	BUS 100	
General Business		GBUS	BUS	BUS	BUS	BUS
Sales/Management	BUS 41	HOPER; MERCH; GBUS 23, 30, 31, 46, 50	BUS 15 B, C, D; 18 B, C; 22, 52, 53	MGT; BUS 101, 24, 30	BUS 43, 44, 45, 46, 47, 48, 49, 50, 52; HOPER	MGT
Secretarial & Related	TYPW	BMACH; OFPRO; TYPW; SHTHD	TYPW; BUS 21B, C, D, E, 50; SHTHD	TYPW; BUS 22, 50, 51; SHTHD	TYPW; SECSC except 20; BUS 24, 25, 26, 27, 41; SHTHD	BUS 22, 50; SHTHD; TYPW
Education						
Industrial Education	IEDDD; IEDET; IEDIE; IEDM; IEDPT; IEDSM; IEDW; IEDWC; IEDMS					

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Rec Instructor Program				HPE 208, 233, 171, 179, 290; OR		
Health Service						
Dental Assisting		DENT				
Nursing		PRACN; NAT; CAT	PRACN; NURS		TNURS; NURS	
Medical Assisting		MEDAS except 31				
Medical Lab Assistant		MLT				
Medical Rec Technician		MEDRC				
Occupational Ther Asst		OTA				
Radiological Technician		RTECH				
Respiration Therapy		RESP				
Health Foundations		HF				
Hotel & Restaurant						
Commercial Baking	CB					
Food Service		FSER		FSER	HOPER 49, 52, 53, 54	
Public Service						
Fire Science	FS		FS			
Human Service	PPHS; ED; HD; HRD 131				ED	

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Library Technology				LT except 5		
Police Science	PS		PS		PS	
Technology						
Aeronautic	AVMAT; AIRMT; AERO; AVTEC					
Apparel Design & Constr	FA				ADC	
Auto Body Rep & Ptg (ABRP)	ABRP		ABRP		AMT 57, 58, 59; ABRP	
Automotive Mech Tech (AMT)	AMT		AMT	AMT except 58, 59	AMT except 57, 58, 59	
Blueprint Reading (BLPRT)	BLPRT		BLPRT		BLPRT; ITECH 21	
Building Trades (BLDTR)					BLDTR except 30, 31	
Carpentry (CARP)	CARP		CARP		CARP	
Cosmetology	COSME					
Diesel Mechanics (DIMCH)	HEMR				ITECH 45	
Drafting Technology (DT)	ADT		ADT; DT; MD	DT	ADT	
Electricity (ELEC)	IE; ELEC		ELEC; IE		ITECH 42; IE; BLDTR 30, 31	
Electronic Tech (ET)	ET					
Engineering Tech (ENGT)	ENGT					
Industrial Safety (SAFTY)	SAFTY		SAFTY		SAFTY	

Course	HONOLULU	KAPIOLANI	KAUAI	LEEWARD	MAUI	WINDWARD
Marine Technology (MT)				MT except 11		
Metalworking Tech (MWT)	MST; SMP; WELD		MS; WELD		MS; SMT; ITECH 22, 23, 24, 41; WELD; SMP	
Refrig & Air Cond (RAC)	RAC					
Other Technical	CVE	WSP; GBUS 55; CVE	WSP; CVE	AMT 58, 59; BUS 58, 59; FSER 59; COMSC 299	CVE	BUS 049X

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